

PRESS RELEASE

OPTEX TO EXTEND ITS NEW LASER RANGE AND CERTIFICATION PROGRAM

Nov 28th, 2016 – Leading sensor manufacturer [OPTEX](#) has announced the global roll out of its outdoor and high-resolution indoor laser sensor RLS-2020S, complementing its next-generation REDSCAN mini sensor that features a 20x20m detection range.

The new sensor will be launched in North and South America in December and in Europe, Middle East and Africa (EMEA), Dubai's INTERSEC (22nd – 24th January 2017) is the chosen exhibition for the product's launch.

The S-model features an enhanced microprocessor that provides more powerful sensing capabilities. In indoor environments, it can be set up to identify fast travelling objects or very small objects. This information can be relayed to a Video Management Software (VMS) to provide a quicker, more accurate response. The sensor is PoE compliant, and can send alarms via traditional relay outputs or by using its IP based Redwall event code that is integrated with all major VMS platforms.

The more powerful processor also enables the RLS-2020S to be deployed in outdoor environments, and has a number of environmental resistance features to further minimise false alarms in all kind of weather conditions.

Indoors, the sensor is able to use the high-resolution mode to detect objects as small as 2.5cm in diameter. It also has a 'throw-mode' to detect fast-moving objects being thrown in the air, or an individual running at 16.2kph in a straight vertical detection or at 45kph using a 30 degree angled detection with a 25-millisecond response time.

In terms of installation and set-up, installers can now set four independent zones of detection within each sensor's range (as opposed to its predecessor's one-zone detection).

For both the RLS-2020I, the indoor only model, and the RLS-2020S, OPTEX's REDSCAN MANAGER software gives users the ability to configure their sensors so that specific environments are taken into consideration; precisely selecting detection areas that can be set for different times of the day, and with the option to set a specific size or speed of object to be detected.

Masaya Kida, Senior Manager Product and Business Planning Department, OPTEX, says the REDSCAN RLS-2020S model increases the potential for possible installation projects: "The detection of smaller and faster-moving objects means high-security environments such as airports, government buildings and data centres can achieve better sensing results," he says.

"With flexible installation and IP connectivity, the new range continues to define OPTEX as an innovative leader within the security industry."

Alongside the global roll-out, OPTEX is also launching its global certification programme, and will invite specifiers, distributors, system integrators and installers to take specific technical and sales training: "By having authorised and certified suppliers of our equipment, we can ensure the RLS-2020S is always correctly specified and installed for bespoke projects to deliver its full sensing capability," Masaya concludes.

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